

**Dayalbagh Educational Institute
(DEEMED TO BE UNIVERSITY)
Dayalbagh, Agra**

Tender No. DEI/Phy&Comp/SRoy/2019-20/TDR-24

Date: **24-02-2020**

Single Tender Inquiry

Subject: Purchase of Femtosecond Tunable Laser System with Accessories.

The request has been received from **Prof. SUKHDEV ROY**, Department of Physics & Computer Science, Faculty of Science, Dayalbagh Educational Institute to purchase the items from **M/s IB Photonics Ltd., 19A, Plovdivsko Pole St., Sofia 1756, Bulgaria**, on proprietary basis. The Proposal Submitted **M/s New Age Instruments & Material Pvt. Ltd., Gurugram** and quotation and departmental PAC certificate are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within 15 Days from the date of issue of this notice giving reference **Tender No. DEI/Phy&Comp/SRoy/2019-20/TDR-24 dated 24-02-2020**. The necessary documents may be submitted to us in support of your intent/comments/objections for our consideration. The intent/comments/objections should be received by office of Registrar, Dayalbagh Educational Institute, Dayalbagh, Agra (e-mail: registrar@dei.ac.in) on or before **11-03-2020** up to 12.30 pm failing which it will be presumed that no other vender has any comments to offer, and the case will be decided on the merit.

REGISTRAR

Encl: As above

IB Photonics Ltd.

19A Plovdivsko Pole St., Suite 2
Sofia 1756
Bulgaria
Tel: +359 887 330 322

Proprietary certificate

Date: 07/02/2020

To,

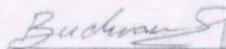
Kindly Attn. The Registrar
Dayalbagh Educational Institute
Dayalbagh, Agra – 282005
Uttar Pradesh

Dear Sir,

We M/S. IB Photonics certify that the following products sold by us are manufactured by our patent company IB Photonics in Bulgaria.

Item: - **FEMTOSECOND TUNABLE LASER SYSTEM WITH ACCESSORIES,**
Model No: - **FLAME-20FS-D F**

The proprietary item is solely sold by us through M/s. New Age Instruments & Materials Pvt. Ltd. having their office in India at the following address: - 13-15, IIInd Floor, Apna Enclave Shopping Complex Railway Road, Gurgaon, Haryana, India and they are authorized to quote and sell our prices in India.


Ivan Buchvarov,
CEO. IBPhotonics Ltd.





New Age Instruments & Materials Pvt. Ltd.

Head Office : 12-15, IIInd Floor, Apna Enclave Shopping Complex, Railway Road, Gurugram - 122 001, Haryana
Tel. : +91-124-4086514-516, +91-124-4112517-518, E-Fax : +91-11-66173680, Mumbai E-Fax : +91-22-27540774
E-Mail : sales@newagein.com, support@newagein.com, Website : www.newagein.com
GSTIN : 06AACCN0141N1ZM | CIN : U51507DL2003PTC120950

PRICE-BID

To, The Registrar Dayalbagh Educational Institute Dayalbagh, Agra – 282065 Uttar Pradesh	Quotation No. G-SD/DEI_21/IBPhotonics/060220	Date 06/02/2020
	Tender Reference No. DEI/Sc/Phy&Comp.Sc/SRoy/2019-20/TDR-21	Due Date 10/02/2020

Dear Sir/Madam,

We are pleased to provide our proposal “**Femtosecond Tunable Laser System with Accessories** “ on behalf of our Principal:-

Make :- M/s IB Photonics Ltd.

19A Plovdivsko pole St. / Sofia 1756, Bulgaria

S/N	Item Description	Qty.	Rate (USD)	Amount (USD)
1.	Femtosecond Tunable Amplified Laser System includes: Model No: FLAME-20FS-D F <ul style="list-style-type: none">• Diode pump Femtosecond seed oscillator Module.• Advanced delay-tunable femtosecond amplifier stage.• SHG high harmonics module for generation of 515 nm pulse for sample excitation.• Supercontinuum generator module.• Power supplies and support electronics (timing unit and controllers) Features: <ul style="list-style-type: none">• Complete and fully automated multi-output tunable Laser system for transient absorption measurements in femtosecond, nanosecond, microsecond and millisecond time domains i.e. without practical limitation,• Easy to switch between output wavelengths for excitation,• Advanced performance i.e. high repetition rate (0.5 KHz) ensuring high S/N in the measurements at lower excitation pulse energy.	01 No.	1,44,675.00	1,44,675.00



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	<ul style="list-style-type: none"> Advanced performance: programmable electronics delay of supercontinuum pulse output in regard of excitation outputs, Very Broad Spectral range UV to NIR (320-630 / 400-950 nm) Amplifier stages and fs-laser oscillator integrated in system. Single mode output with excellent beam profile. <p>Specifications for Laser system:</p> <ul style="list-style-type: none"> Pulse repetition rate : 500 Hz Fundamental pulse duration : < 300 fs Fundamental pulse energy : > 1 mJ Laser system has four tunable outputs with corresponding wavelengths: Second harmonic (SHG) output : 515 nm 			
2.	<p>Accessories for Transient Absorption Measurements Dual output split-image monochromator multichannel detection system with dual imaging spectrograph:</p> <p>Specifications:</p> <ul style="list-style-type: none"> Slit: 0.1mm to 4 mm (continuously adjustable), Gratings: plane, ruled grating 300 grooves, 300 nm blaze, 1.8 nm/mm Spectral resolution 3-7 nm (depending on grating and slit). 	01 No.		
3.	<p>High dynamic range linear array CCD detectors:</p> <p>Specifications:</p> <ul style="list-style-type: none"> Wavelength range: 200-1000 nm, Dynamic range > 6000:1 	02 Nos.		
4.	<p>Sample chamber with sample holder that includes:</p> <ul style="list-style-type: none"> Optically sealed box with cover Excitation and probe light delivery optics and mechanics for transient absorption measurements in UV-VIS and NIR spectral ranges Sample holder for standard liquid cells, solid samples and thin films. 	01 No.		
5.	<p>Optical delay line with translation stage and mounted retroreflector for scanning of delay 0-20 ns between pump and probe in femtosecond mode of operation.</p>	01 No.		
6.	<p>Electronic delay generator for scaling delay in ns/ms mode of operation 0-1 ms, step 100 ps.</p>	01 No.		
7.	<p>Software package allowing automatic recording of the spectra</p>	01 No.		



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	from the monochromator with time resolution over the entire range of the delay between pump and probe channels: from 100 fs to 2 ms.			
Additional Upgrade				
8	Upgrade to THG 343 nm + FHG 258 nm (pump module upgrade steering optics, harmonic separators, fine mechanical components and software upgrade)	01 Set	17,370.00	17,370.00
Sub-Total Amount			US\$ 1,62,045.00	
Educational Discount @ 5%			US\$ 8,102.00	
Installation cost in US\$			US\$ 1500.00	
Total Amount (Exworks Basis)			US\$ 1,55,443.00	

Note:-

- For more details kindly go through the compliance sheet and Data sheet.
- EMD of Rs. 2,00,000/- & Tender Fees of Rs. 200/- in the form of Demand Draft attached along with the technical bid.

Terms & Conditions :-

- Quoted prices are duly packed EX-work Sofia, Bulgaria.
- Your freight forwarding agent should collect Shipment from Principal Factory. Else Air freight charges up to CIP Delhi will be extra. i.e. **USD 1600** (Estimation only)
- Mode of Payment - 30% prepayment, 60% rest payment prior to shipment and 10% payment after Acceptance of the material.
- We will require End Use Statement Certificate along with Purchase order. We have attached sample and blank EU along with this quote for your reference.
- Delivery Period is of 24-26 weeks after confirmation of order.
- Installation (If required) will be done within 30 days after Receipt of Equipment and Readiness of site by M/s IB Photonics Engineer at an **extra cost As MENTIONED ABOVE**. But it does not include any civil, wooden work, crane or Labor charges to move table up to your lab, the same. Need to be arranged separately by user or need to paid directly to New Age instruments as per actual.
- Our Quotation period is valid for 90 days.
- Warranty: 1 Year Std. Damage due to mishandling will not be considered under warranty period.

For New Age Instruments & Materials Pvt. Ltd.

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